



PATENT Attorney Docket No: ECD-0014

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	cant(s):		Examiner: Not yet assigned
Serial No.: Filing Date:		10/062,400 February 1, 2002	Group Art Unit: 2131
Title:	Date:	February 1, 2002 SYSTEMS AND METHODS FOR	R MEDIA AUTHENTICATION
	Lharabu	CERTIFICATE OF MAILING	UNDER 37 C.F.R. § 1.8  the United States Post Office as First Class Mail in an envelope
addressed		istant Commissioner for Patents, Washington, D.C., 2	
	11-	-79-08-	Vanhalley
	•	Date	Vanessa Marakas
Assist	ant Con	nmissioner for Patents	
Washi	ngton,	DC 20231	·
		INFORMATION DISCL	OSURE STATEMENT
Sir:			
	This I	nformation Disclosure Statement is	submitted:
[]	under	37 C.F.R. 1.129(a), or	
. ,		econd submission after Final Rejection)	
[X]	under	37 C.F.R. 1.97(b), or	
. ,	(Within	three months of filing national application	; or date of entry of the national stage in international
	applica	tion; or before mailing date of first office a	ction on the merits, whichever occurs last)
[]	under	37 C.F.R. 1.97(c) together with eith	er:
	[]	a Certification under 37 C.F.R. 1.9	97(e), as checked below, or
	[]	a \$240.00 fee under 37 C.F.R. 1.1	7(p), or
	ι, ,		but before final action or notice of allowance, whichever
[]	under	37 C.F.R. 1.97(d) together with:	
	[]	a Certification under 37 C.F.R. 1.9	97(e), as checked below, and
	[ ]	a petition under 37 C.F.R. 1.97(d)	• • •
	[]	a \$130.00 petition fee set forth in	
		(Filed after final action or notice of allow payment of the issue fee)	ance, whichever occurs first, but before
		,	

Applicant(s): James A. Merkle, Jr. et al.

Serial No.: 10/062,400

## Certification Under 37 C.F.R. 1.97(e)

[]	Each item of information contained in this Information Disclosure
	Statement was cited in a communication from a foreign patent office
	In a counterpart foreign application not more than three months
	prior to the filing of this Information Disclosure Statement.
	•

[ ] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

[X]	Copies	of cited references are enclosed.
[]		of cited references are enclosed except those entered in prior application, U.S. No, and references that are not required to be submitted under 37 1.98.
[]		ted references were cited in the enclosed International Search Report in a rpart foreign application.
Concis	se Expla	nation Requirement (non-English references):
[ ] satisfic		oncise explanation" requirement under 36 C.F.R. 1.98(a)(3) for reference(s) is
-	[]	the explanation provided on the attached sheet.
	[]	the explanation provided in the Specification.
	[]	abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): James A. Merkle, Jr. et al.

Serial No.: 10/062,400

Method of payment:

[ ] Enclosed is a check in the amount of \_\_\_\_\_\_.

[ ] Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.

[ ] Two duplicate copies of this Statement are enclosed.

[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: <u>Novembre 32,3002</u> MILLS & ONELLO, LLP

Eleven Beacon Street, Suite 605

Boston, MA 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774

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Anthony P. Onello, Jr.

Registration Number 38,572

Attorney for Applicant

ĺbst. Form PTO-1449

### INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

	Direct or
Docket Number (Optional)	Application Number
ECD-0014	10/062,400
Applicant  James A. Merk	le, Jr., <i>et al</i> .
Filing Date	Group Art Unit

02/01/02

	U	. S. Patent Documents	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	<del></del>	1	
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIA	
4,168,396	09/18/79	Best	178	22	10/31/77	
4,176,247	11/27/79	Englund	178	22	10/10/73	
4,223,050	09/16/80	Nyfeler, et al.	427	163	10/03/78	
4,246,638	01/20/81	Thomas	364	200	09/14/78	
4,263,634	04/21/81	Chenoweth, et al.	360	133	09/17/79	
5,027,396	06/25/91	Platteter, et al.	380	4	05/07/90	
4,279,852	07/21/81	Engelmann	264	227	03/06/80	
4,333,113	06/01/82	Kalinowski	360	27	06/16/80	
4,335,173	06/15/82	Caraballo	428	65	09/22/80	
4,336,981	06/29/82	Mori	350	358	07/25/80 01/18/91	
5,191,611	03/02/93	Lang	380	· 25		
	FOREIC	ON PATENT DOCUM	ENTS			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES N	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

Subst. F	PTO-1449		ECD-0014 Application Number 10/062,4						
INFOR	ON DISCLO	Applicant							
	IN	AN APPLIC	CATION		James A. Merkle, Jr., et al.  Filing Date Group Art Unit				
ט)	(Use several sheets if necessary)					01/02	Group Art Unit	2131	
			U	. S. Patent Doc	uments				
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING D	
	BA	4,433,207	02/21/84	Best		178	22.09	09/10/	/81
	ВВ	4,446,519	05/01/84	Thoma	S	364	300	05/26	/81
	BC	4,453,074	06/05/84	Weinste	in	235	380	10/19/	/81
	BD	4,454,594	06/12/84	Heffron, e	t al.	364	900	11/25	/81
	BE	4,458,315	07/03/84	Uchenic	k	364	200	02/25	/82
	BF	4,462,076	07/24/84	Smith, Il	II.	364	200	06/04	/82
	BG	4,465,901	08/14/84	Best		178	22.08	07/02	/81
	ВН	4,471,163	09/11/84	Donald, et	al.	178	22.08	10/05	/81
	·BI	4,479,579	10/30/84	Miklos		206	309	11/24	/82
	BJ	4,495,526	01/22/85	Baranoff-Ro	ssine	360	15	10/25	/82
	BK	4,510,508	04/09/85	Jansser	n 346		135.1	04/15/83	
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	CA	4,513,174	04/23/85	Herman	1	178	22.08	03/19	/81
	СВ	4,528,588	06/09/85	Lofberg	3	358	122	09/25	5/81
	CC	4,558,176	12/10/85	Arnold, et	al.	178	22.08	09/20	/82
	CD	4,573,119	02/25/86	Westheimer,	et al.	364	200	07/11	/83
	CE	4,577,289	03/18/86	Comerford,	et al.	364	900	12/30	/83
	CF	4,584,641	04/22/86	Gugliemi	no	364	200	08/29	/83
	CG	4,590,470	05/20/86	Koenig		340	825.31	07/11	/83
	СН	4,593,353	06/03/86	Pickholt	z	364	200	10/26	/81
	CI	4,595,950	06/17/86	Lofberg		358	122	12/17/84	
	CJ	4,634,807	01/06/87	Chorley, ea		22.08	08/23/85	/85	
	CK	4,644,493	02/17/87	Chandra, e	et al		900	09/14/84	
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#### Docket Number (Optional) Application Number Subst. Form PTO-1449 10/062,400 ECD-0014 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION James A. Merkle, Jr., et al. Group Art Unit (Use several sheets if necessary) 2131 02/01/02 U. S. Patent Documents EXAMINER INITIALS DOCUMENT NUMBER FILING DATE CLASS SUBCLASS DATE NAME $\mathbf{D}\mathbf{A}$ 03/10/87 380 04/11/85 4,649,233 Bass, et al. 21 DB 364 200 10/27/83 4,652,990 03/24/87 Pailen, et al. DC 380 07/11/83 4,658,093 04/14/87 Hellman 25 4 10/26/81 4,670,857 06/02/87 Rackman 380 DD DE 369 33 02/04/85 4,677,604 06/30/87 Selby, et al. DF 5,312,663 05/17/94 Kosinski, et al. 428 64 12/27/91 DG 4,683,553 07/28/87 Mollier 380 4 02/05/86 DH 380 4 09/03/85 4,683,968 08/04/87 Appelbaum, et al. DI 200 07/01/85 4,685,055 08/04/87 Thomas 364 DJ 4,695,993 09/22/87 54 06/10/85 Takagi, et al. 369 DK 338 09/16/85 4,698,695 10/06/87 Kosaka, et al. 358 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER Translation DATE COUNTRY CLASS SUBCLASS DL **DM** DN DO DP DQ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DR DS DT DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include

copy with next communication to applicant.

Subst. Form PTO-1449					Docket Number (Optional) Application Number				
INFOR	ON DISCLO	ECD-0014 10/062,400							
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INITIALS	EA	4,724,492	02/09/88	Kosaka, e	t al.	358	342	09/16	
	EB	4,734,796	03/29/88	Grynberg,		360	60	09/06	/83
	EC	4,740,890	04/26/88	Willian	1	364	200	12/22	/83
	ED	4,742,543	05/03/88	Frederiks	ien	380	9	07/10	/86
	EE	4,747,139	05/24/88	Taaffe		380	44	10/21	/86
	EF	4,752,554	06/21/88	Sato, et a	ıl.	430	273	06/02	/86
	EG	4,757,468	07/12/88	Domenik, a	et al.	364.	900	04/21	/87
	EH	4,757,534	07/12/88	Matyas, e	t al.	380	25	02/03	/87
	EI			mi	369	46	01/23/87		
	EJ	4,785,361			,	360	60	12/16/86	
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FA	4,796,220	01/03/89	Wolfe	:	364	900	12/15	/86	
FB	4,849,836	07/18/89	Kachiki	an	360	60	07/24	/86	
FC	4,849,927	07/18/89	Vos		364	900	09/22	/87	
FD	4,858,036	08/15/89	Ginke	1	360	60	08/04	/86	
FE	4,866,769	09/12/89	Karp		380	4	08/05	/87	
FF	4,868,805	09/19/89	Hanami, a	et al.	369	53	08/13	/87	
FG	4,879,704	11/07/89	Takagi, <i>e</i>	t al.	369	14	07/16	/87	
FH	4,891,504	01/02/90	Gupta	ı	235	462	06/17	/85	
FI	4,839,883	06/13/89	Nagata, e	t al.	369	286	06/25	/87	
FJ	4,903,296			a, <i>et al.</i> 380 urger 369		4	11/12/86 12/09/87		
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING D	
	GA	4,910,725	03/20/90	Drexler, et	al.	369	275	10/17/	/86
	GB	4,942,565	07/17.90	Lagade	C	369	59	07/28/	/89
	GC	4,949,331	08/14/90	Maeda, <i>et</i>	al.	369	.275.3	06/17/	/86
	GD	4,959,861	09/25/90	Howlett	e	380	4	07/13/	/88
	GE	4,961,182	10/02/90	Saito, et a	ıl.	369	124	06/29/	/88
	GF	4,967,403	10/30/90	Ogawa, et	al.	369	44.26	04/20/	/88
	GG	5,703,858	12/30/97	Mitchell, e	t al.	369	58	10/21	/96
	GH	4,975,898	12/04/90	Yoshida	1	369	100	08/18/	/88
	GI	4,980,782	12/25/90	Ginkel	<u>.</u>	360	60	06/03/85	
	GJ	4,991,163	02/05/91	Tokushuku, <i>et al</i> .		369	275.4	02/08/88	
	GK	5,004,232	04/02/91	Wong, et	al.	273	435	10/13	/89
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#### Docket Number (Optional) Subst. Form PTO-1449 Application Number ECD-0014 10/062,400 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION James A. Merkle, Jr., et al. Filing Date Group Art Unit (Use several sheets if necessary) 02/01/02 2131 U. S. Patent Documents DOCUMENT NUMBER EXAMINER INITIALS FILING DATE IF APPROPRIATE DATE NAME CLASS SUBCLASS HA 10/22/91 Lokhoff, et al. 369 48 12/20/88 5,060,219 HB 5,065,429 11/12/91 380 25 10/14/90 Lang HC 5,153,861 10/06/92 Maeda, et al. 369 32 12/13/89 06/13/90 5,073,925 12/17/91 Nagata, et al. 380 3 HD HE 46 05/18/89 5,122,912 06/16/92 Kanota, et al. 360 HF 04/20/90 5,150,339 9/22/92 Ueda, et al. 369 32 HG 10/13/92 380 23 03/11/91 5,155,768 Matsuhara HH380 30 01/15/91 5,159,633 10/27/92 Nakamura $\mathbf{HI}$ 08/29/90 5,168,482 12/01/92 Aratani, et al. 369 13 HJ 5,179,547 01/12/93 369 275.4 05/28/91 Komaki, et al. HK 428 64 04/02/92 5,204,152 04/20/93 Yoshizawa FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER Translation SUBCLASS DATE COUNTRY CLASS YES HL $\mathbf{H}\mathbf{M}$ HN HO HP HQ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) HR HS HT DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include

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INITIALS	IA	5,224,087	06/29/93	NAME Maeda, <i>et</i>	al.	369	54	08/19	
	IB	5,243,423	09/07/93	DeJean, e		358	142	12/20	
	IC	5,255,007	10/19/93	Bakx		346	1.1	11/13	
	ID	5,276,738	01/04/94	Hirsch		380	46	12/17	
	IE	5,285,440	02/08/94	Matsud	a	369	275.3	12/11	/92
	IF	5,323,367	06/21/94			369	32	10/22/92	
	IG	5,350,923	09/27/94	Bassignana,		250	453.11	12/23	1/92
	IH	5,371,792	12/06/94	Asai, et a		380	3	12/21	/93
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